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A SURVEY OF THE STUDENT PURCHASES IN THE GRANDVIEW HIGH SCHOOL
IN GRANDVIEW, WASHINGTON

A Thesis
Presented to
the Graduate Faculty
Central Washington State College

In Partial Fulfillment
of the Requirements for the Degree
Master of Education

by
Shirley Marie Lundstrom
November, 1968

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S. M. L.

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CHAPTER I

INTRODUCTION

Intelligent consumer-buying knowledge has frequently been stressed as an important aim in business education but is one that is lacking in current direction. There appears to be a consensus of opinion that teenagers spend a lot of money. The teenager's choice of spending his dollar has an important impact on the local as well as the national economy today. There is value in knowing what the total impact on the economy is. This survey will provide data that can aid the proper guidance of business educators in the development of sound policies and appropriate practices for students in the area of buymanship.

I. THE PROBLEM

Statement of the problem. The purpose of this survey was (1) to determine the purchasing power and buying habits of a typical student, for himself and others, in a small high school over a specific period of time; (2) to compare the amounts (commodities and services) spent by boys and girls; (3) to determine the relative buying habits and purchasing capacities of different high school classes; (4) to ascertain if students living in-town spend more or less than those living out-of-town; and (5) to compare the purchasing

results of this survey with two other selected similar surveys that have been completed on consumer buying.

Procedures of the survey. Organization of the procedures was patterned after A Survey of Student Purchases in a Small High School, a master's thesis by Dr. Eugene J. Kosy (15:1-78), 1949, University of Minnesota.

Cooperation to conduct this survey was obtained from Mr. Darrel Smith, Grandview High School Principal in Grandview, Washington. Students were told the purpose and value of the survey. Their assistance was requested to keep a detailed record of purchases for four weeks in small booklets (Appendix A). An organizational meeting was called to give interested students the booklets in which to record the item, cost, and quantity of purchases for a week. Every Monday they turned in the used and received new booklets. The issue was kept alive by weekly meetings, personal contacts, and bulletin announcements. Charts (Appendix B) were kept to check names when booklets were issued and collected. Students were given recognition for their assistance in the project; individual purchases were kept confidential. Any student who volunteered to keep a record of his purchases and for any reason did not turn in all four booklets was not included in the final tabulation. Six of the 158 volunteers dropped school during the four-week period.

The items that were reported as purchases by the 152 participants were sorted into selected categories and tallied on separate sheets for sophomore girls and boys in-town and out-of-town, junior girls and boys in-town and out-of-town, and senior girls and boys in-town and out-of-town. The prices of items purchased were totaled and divided to determine the average money spent per pupil for four weeks and one week.

Delimitations of the survey. The period of February 21, 1966, through March 20, 1966, was selected because it portrayed the most normal purchasing time of the school year; there were no major holidays or events to influence students' buying habits.

The school selected as a source of information was Grandview Senior High School in Grandview, Washington. At the time of the survey Grandview was a city of 3,600 people located in the lower Yakima Valley. It was primarily a diversified agricultural community. The most important commodities produced included hops, grapes, and cherries. Industries involved the processing of these farm products. Other residents employed in industry commuted to the Hanford Atomic Energy Commission located near Richland, Washington.

Twenty percent of the school children came from Spanish-American homes and comprised the majority of the low economic strata. The remainder of the population was primarily average middle-class oriented with a small high-salaried upper class.

The total enrollment for the 1965-66 school year in Grandview Senior High School was 428 students. From this population, 158 volunteered to participate in the survey; and 152 completed a record of all money they spent except transactions in which they acted as carriers.

II. DEFINITIONS OF TERMS USED

Survey. Throughout the report of this investigation, the term survey is defined as an organized attempt to classify, interpret, and report the present status of the collected data.

Population. The term population refers to sophomore, junior, and senior boys and girls in one selected high school.

Consumer-buying habits. The term consumer-buying habits shall be interpreted as the tendencies of choice-making relative to actual purchases, savings, and buying statistics.

Recording booklets. These booklets each consist of ten lined sheets measuring three- by five-inches and stapled at the top. A cover page provides space for the student's name, class, and inclusive dates of purchases.

Class. The term class shall be interpreted as the sophomore, junior, or senior year in high school.

CHAPTER II

REVIEW OF THE LITERATURE

Much has been written in regard to business education research, the survey method, and sampling techniques; however, only a summary of the literature that is closely related to this study will be given. Selected consumer education periodicals and literature relative to high school students will be reviewed.

I. LITERATURE ON RESEARCH, SURVEYS, AND SAMPLING

Tonne (28:8), in explaining the nature and purpose of business education research, emphasized that a major importance of research is to give the graduate student experience so that he appreciates the need for careful investigation, knows of good research results, and participates in further investigations on his own. In addition, he believes that research will serve as a basis for obtaining some solutions but will not solve all the problems. Porter (25:4), in quoting Tonne, encouraged continued research attempts assuming that results to date can be applied by teachers as indices of what may work for them. Future business education progress is dependent upon sound research completed by experienced researchers.

According to Fries (7:11), research study planning involved selecting a topic, outlining the study, collecting the facts, organizing the findings, and reporting the study. Dvorak (4:71-74) listed the following preparations for writing the report: prepare yourself mentally, have reference materials accessible, become familiar with good research reports, organize the report, and outline each chapter. The completed report should be objective, clear, documented, displayed, and subordinated.

Harris (13:1447) stated, "During recent years survey research has become widespread...Survey research has attracted the attention of...scholars interested in school problems." According to Porter (26:29):

The fundamental purpose of the survey study in business education is to classify, generalize, and interpret groups of data so that proper guidance may be provided for business educators in the development of sound policies and appropriate practices in the immediate future.

Erickson and Oliverio (6:16) pointed out that there is often a need to find the facts about a prevailing situation through a fact-finding survey instrument. Certain conditions for the use of this instrument must be considered. The information sought must be objective. Possible results of the fact-finding survey are occasionally already known to the investigator. Questions must be stated precisely so that all participants interpret the items and directions in the same manner.

Porter (26:30-32) recommended the use of survey studies to aid in solving practical problems of business education by providing insights into needed changes of curriculum, testing, and equipment. Gathered data lends itself to both quantitative and qualitative descriptions. Surveys reveal only information relative to prevailing conditions in specific circumstances. Therefore, the data collected must be carefully analyzed and evaluated before their real meaning for practical conclusions may be discovered.

Sampling was defined by Harris (12:1181) as being the process by which a relatively small number of individuals are selected and analyzed so that facts can be determined about the entire population. Van Dalen (30:250) stated that the steps a researcher must follow in sampling involved defining his population, obtaining a complete list of the population, drawing representative units from the list, and procuring a sufficiently large sample to represent the population characteristics. West (20:13) indicated that valid inferences about a population can be made only from an unbiased sample. Probability sampling and randomization guard against bias and permit a statement of the exactness with which estimates are made about the population.

II. LITERATURE ON CONSUMER EDUCATION

Tonne (29:92) concluded, "Consumer education has its ups and downs." Harris (11:400) pointed out that in 1909 the

American Home Economics Association initiated the consumer-education movement and finally commanded general attention in the thirties and forties. Harap and Kyrk wrote books that influenced education, but the "great depression" really instigated wise personal use of resources. In 1940, the Educational Policies Commission proposed that schools teach consumer economics. Special emphasis was to be given to wiser buying, more purchasing information, and wiser saving. An institute for Consumer Education was established at Stephen's College and the National Association of Secondary School Principals launched a Consumer Education Study in 1940. This study prepared pamphlets and units to aid teachers of consumer education. In 1960, it was estimated that still less than 10 per cent of the high schools in the United States offered a separate course in consumer economics. Some of the reasons the course failed to make a profound impact include a rise of income from the depression, competition with established courses, and competition with other life adjustment areas. The consumer-education movement also failed to attract support of economists who are more concerned with total economy consumption expenditures than individual problems.

Tonne (29:92) emphasized that more recently consumer education has revived. The Johnson Administration has been

aware of consumer problems in packaging, interest rates, and credit. Mrs. Esther Peterson has been appointed by President Johnson as a Consumer Advisor to coordinate services for consumer protection in the United States. According to Peterson (24:24), there was evidence that although teenage spending is big business, most teenagers have little skill in the business of spending. How teenagers spend their money will be a factor in determining the success or failure of their marriages and whether national life will be fashioned after the excellent or commonplace. In 1970, approximately half of our population will be under 25 years of age. The schools must teach them to be intelligent producers and consumers. Peterson (23:15) urged that, "Too much is at stake to trust experience to be the young consumers only teacher." Peterson (24:28) quoted President Johnson as follows:

In his speech at the University of Michigan in 1964, President Johnson said, 'For a century, we labored to settle and subdue a continent. For half a century we called upon unbounded invention and untiring industry to create an order of plenty for all our people. The challenge of the next half century is whether we have the wisdom to use that wealth to enrich and elevate our national life and to advance the quality of American civilization'.

Mullin (17:24) claimed that youth represents a substantial segment of the population and should be made aware of its importance to the economy. Prosperity in the youth market (15- to 19-year-olds) will increase by half between 1960 and 1970. Reasons for an increase in youth business

include an increase in population and the fact that they have more money to spend on their own initiative (\$15 billion in 1966).

Mullin (17:24) stated that according to UCLA Market Researcher, Charles R. Campbell, "The teenager originates most mass buying trends that reach the adult market." Instruction can be given to familiarize young people with marketing, salesmanship, and advertising. This classroom guidance would help students manage money at present and in their adult life.

Elenko (5:31) stressed that if teachers can arouse within a student a desire to investigate and discriminate before spending, his future as a productive and successful citizen will be strengthened considerably. In Dvorak's Informal Research By the Classroom Business Teacher (3:248) Price and Heimerl stated that one excellent method to aid teaching consumer economics is to have students keep records of their own purchases and problems encountered in buying. These statistics can then be used as valuable sources for planning class objectives and course contents in order to adequately meet the student needs.

III. LITERATURE ON SELECTED SIMILAR SURVEYS

Literature on surveys that paralleled this study was extremely limited. Only those surveys that were directly related to this one will be reviewed.

A study by Kosy (15:1-78), sampled the student body of Frederic High School. This small high school is located in Frederic, Wisconsin, in the northern section of the state.

It was the purpose of Kosy's survey to determine how much a typical student in a small high school spent over an eight-week period. The 98 participating students spent a total of \$4,433.17 from January 12, 1949, through March 8, 1949. The survey showed that clothing was the most popular item purchased with 16.9 percent of the total. This was followed by lunches and meals at 8.4 percent, groceries at 7.6 percent, services at 6.3 percent, and school lunches at 6.1 percent. Other purchases included movies at 4.4 percent, personal at 3.9 percent, financial at 3.7 percent, notions at 3.5 percent, candy at 3.4 percent, miscellaneous recreation at 3.2 percent, school and office supplies at 2.9 percent, basketball at 2.8 percent, and automobile supplies at 2.1 percent. All other items were below 2 percent each. The typical Frederic High School student spent an average of \$5.66 per week. The students living in-town spent more than those living out-of-town. The girls purchased more goods and services than did the boys.

According to Mullin (17:26), a 1964 Report of the Gilbert Youth Research Organization, How Do Teens Spend Their Money? presented a youth expenditure breakdown. This survey was not available in separate printed form.

The Gilbert survey showed that school lunches were the most popular items purchased with 22 percent of the total. This was followed by clothing at 13 percent, miscellaneous recreation at 9 percent, movies at 9 percent, financial at 8 percent, lunches and meals at 7 percent, school and office supplies at 7 percent, personal at 5 percent, dances at 5 percent, and automobile supplies at 2 percent.

CHAPTER III

PRESENTATION OF DATA

An organization meeting was called on February 21, 1966. From the total enrollment of 428 Grandview High School students, 158 expressed a desire to carry through with the project of recording their purchases for four weeks.

I. DATA ON PARTICIPANTS

Table I shows the total participants by class and sex.

TABLE I
TOTAL GRANDVIEW HIGH SCHOOL PARTICIPANTS BY CLASS AND SEX

Class	Boys	Girls	Total
Sophomore	19	40	59
Junior	20	37	57
Senior	<u>15</u>	<u>27</u>	<u>42</u>
Total	54	104	158

The participants included 54 boys and 104 girls. There were 19 sophomore boys and 40 sophomore girls for a total of 59 sophomores. There were 20 junior boys and 37 junior girls for a total of 57 juniors. There were 15 senior boys and 27 senior girls for a total of 42 seniors.

Each cooperating student was given a small booklet in which to record the item, cost, and quantity of purchases for

a week. The only exceptions were transactions in which they merely acted as carriers such as paying bills.

Students were requested to record everything they purchased. They were asked to disregard the fact that a faculty member was making the survey, which might otherwise influence their purchases. To facilitate accuracy, a box was placed in the room for purchases that participating students wished to report anonymously; however, this box was not used.

During the four weeks of this survey, all the cooperating students met every Monday to turn in the old and receive the new booklets. Also, questions and problems relative to the project were discussed.

The issue was kept alive during the four weeks by the weekly meetings, personal contacts, and bulletin announcements. Charts with each individual's name were kept and checked when a booklet was issued or collected.

After completion of the survey on March 20, 1966, only those participants who turned in all four booklets were included in the final tabulation. Six of the 158 volunteers dropped school during the four-week recording period and were not counted in the final totals. Table II shows participants by class, sex, and residence.

TABLE II
PARTICIPANTS BY CLASS, SEX, AND RESIDENCE

Class	In-Town Boys	Out-Town Boys	In-Town Girls	Out-Town Girls	Total
Sophomore	12	6	19	20	57
Junior	8	12	16	18	54
Senior	<u>5</u>	<u>9</u>	<u>14</u>	<u>13</u>	<u>41</u>
Total	25	27	49	51	152

The 57 sophomores were the largest number of participants, consisting of 12 in-town boys, 6 out-of-town boys, 19 in-town girls, and 20 out-of-town girls. Juniors ranked second with a total of 54 participants, made up of 8 in-town boys, 12 out-of-town boys, 16 in-town girls, and 18 out-of-town girls. Seniors finishing the study totaled 41, which included 5 in-town boys, 9 out-of-town boys, 14 in-town girls, and 13 out-of-town girls. Approximately 70 percent or 100 of the participants were girls, and 30 percent or 52 were boys. Approximately 51 percent or 78 of the participants lived out-of-town, and 49 percent or 74 lived in-town. Sophomores comprised 39 percent of the total participants, juniors comprised 36 percent, and sophomores comprised 25 percent.

The total amount of money spent by the 152 participants was \$8,607.13. The average expenditure per pupil for four weeks was \$56.63 and for one week was \$14.16.

Table III shows the total and average purchases for four weeks and one week by class.

TABLE III
TOTAL AND AVERAGE PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS PARTICIPANTS

Class Participants	Total Pur. 4-wks.	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$3,770.56	\$91.96	\$22.99
Juniors	2,426.60	44.94	11.24
Sophomores	<u>2,410.02</u>	42.28	10.57
Total	\$8,607.18		

Seniors ranked first in total purchases for four weeks with \$3,770.56, continued first in average money spent per pupil for four weeks with \$91.96, and were first in average money spent per pupil for one week with \$22.99. Juniors ranked second in total purchases for four weeks with \$2,426.60, continued second in average money spent per pupil for four weeks with \$44.94, and were second in average money spent per pupil for one week with \$11.24. Sophomores ranked third in total purchases for four weeks with \$2,410.02, continued third in average money spent per pupil for four weeks with \$42.28, and were third in average money spent per pupil for one week with \$10.57.

Table IV shows the total and average purchases for four weeks and one week by number of sophomores, sex, and residence.

TABLE IV

TOTAL AND AVERAGE PURCHASES FOR FOUR WEEKS AND ONE WEEK
BY NUMBER OF SOPHOMORES, SEX, AND RESIDENCE

Sophomores By Sex and Residence	Total Pur. 4-wks.	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys In-town	\$1,110.51	\$92.54	\$23.14
Sophomore Boys Out-of-town	254.14	42.36	10.59
Sophomore Girls In-town	554.22	29.17	7.29
Sophomore Girls Out-of-town	491.15	24.56	6.14
Total	\$2,410.02		

Sophomore boys in-town spent a total of \$1,110.51 in four weeks, ranked first in average money spent per pupil for four weeks with \$92.54, and ranked first in average money spent per pupil for one week with \$23.14. Sophomore boys out-of-town spent a total of \$254.14 in four weeks, ranked second in average money spent per pupil for four weeks with \$42.36, and ranked second in average money spent per pupil for one week with \$10.59. Sophomore girls in-town spent a total of \$554.22 in four weeks, ranked third in average money

spent per pupil for four weeks with \$29.17, and ranked third in average money spent per pupil for one week with \$7.29. Sophomore girls out-of-town spent a total of \$491.15 in four weeks, ranked fourth in average money spent per pupil for four weeks with \$24.56, and ranked fourth in average money spent per pupil for one week with \$6.14.

Table V illustrates the total and average purchases for four weeks and one week by number of juniors, sex, and residence.

TABLE V

TOTAL AND AVERAGE PURCHASES FOR FOUR WEEKS AND ONE WEEK
BY NUMBER OF JUNIORS, SEX, AND RESIDENCE

<div> Juniors By Sex and Residence </div>	<div> Total Pur. 4-wks. </div>	<div> Aver. Money Spent 4-wks. Per Pupil </div>	<div> Aver. Money Spent 1-wk. Per Pupil </div>
Junior Boys In-town	\$ 426.22	\$53.28	\$13.32
Junior Boys Out-town	587.18	48.93	12.23
Junior Girls Out-town	828.79	46.04	11.51
Junior Girls In-town	584.41	36.53	9.13
Total	\$2,426.60		

Junior boys in-town spent a total of \$426.22 in four weeks, ranked first in average money spent per pupil for four weeks with \$53.28, and ranked first in average money spent per

pupil for one week with \$13.32. Junior boys out-of-town spent a total of \$587.18 in four weeks, ranked second in average money spent per pupil for four weeks with \$48.93, and ranked second in average money spent per pupil for one week with \$12.23. Junior girls out-of-town spent a total of \$828.79 in four weeks, ranked third in average money spent per pupil for four weeks with \$46.04, and ranked third in average money spent per pupil for one week with \$11.51. Junior girls in-town spent a total of \$584.41 in four weeks, ranked fourth in average money spent per pupil for four weeks with \$36.53, and ranked fourth in average money spent per pupil for one week with \$9.13.

Table VI shows the total and average purchases for four weeks and one week by senior participants, sex, and residence.

TABLE VI

TOTAL AND AVERAGE PURCHASES FOR FOUR WEEKS AND ONE WEEK
BY NUMBER OF SENIORS, SEX, AND RESIDENCE

Seniors By Sex and Residence	Total Pur. 4-wks.	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys Out-town	\$1,022.04	\$113.56	\$28.39
Senior Boys In-town	546.81	109.36	27.34
Senior Girls Out-town	1,227.05	94.39	23.60
Senior Girls In-town	974.66	69.62	17.41
Total	\$3,770.56		

Senior boys out-of-town spent a total of \$1,022.04 in four weeks, ranked first in average money spent per pupil for four weeks with \$113.56, and ranked first in average money spent per pupil for one week with \$28.39. Senior boys in-town spent a total of \$546.81 in four weeks, ranked second in average money spent per pupil for four weeks with \$109.36, and ranked second in average money spent per pupil for one week with \$27.34. Senior girls out-of-town spent a total of \$1,227.05, ranked third in average money spent per pupil for four weeks with \$94.39, and ranked third in average money spent per pupil for one week with \$23.60. Senior girls

in-town spent a total of \$974.66 in four weeks, ranked fourth in average money spent per pupil for four weeks with \$69.62, and ranked fourth in average money spent per pupil for one week with \$17.41.

Table VII shows the one-week average purchases for 52 boys by class and residence.

TABLE VII
ONE-WEEK AVERAGE PURCHASES FOR 52 BOYS
BY CLASS AND RESIDENCE

Participating Boys	Aver. Money Spent 1-wk. Per Pupil
Seniors Boys--Out-town	\$28.37
Senior Boys--In-town	27.34
Sophomore Boys--In-town	23.14
Junior Boys--In-town	13.32
Junior Boys--Out-town	12.23
Sophomore Boys--Out-town	10.59

Senior boys out-of-town ranked first in average money spent per pupil for one week with \$28.37. Senior boys in-town ranked second in average money spent per pupil for one week with \$27.34. Sophomore boys in-town ranked third in average money spent per pupil for one week with \$23.14. Junior boys in-town ranked fourth in average money spent per

pupil for one week with \$13.32. Junior boys out-of-town ranked fifth in average money spent per pupil for one week with \$12.23. Sophomore boys out-of-town ranked sixth in average money spent per pupil for one week with \$10.59.

Table VIII shows the one-week average purchases for 100 girls by class and residence.

TABLE VIII
ONE-WEEK AVERAGE PURCHASES FOR 100 GIRLS
BY CLASS AND RESIDENCE

Participating Girls	Aver. Money Spent 1-wk. Per Pupil
Senior Girls--Out-town	\$23.60
Senior Girls--In-town	17.41
Junior Girls--Out-town	11.51
Junior Girls--In-town	9.13
Sophomore Girls--In-town	7.29
Sophomore Girls--Out-town	6.14

Senior girls out-of-town ranked first in average money spent per pupil for one week with \$23.60. Senior girls in-town ranked second in average money spent per pupil for one week with \$17.41. Junior girls out-of-town ranked third in average money spent per pupil for one week with \$11.51. Junior girls in-town ranked fourth in average money spent per

pupil for one week with \$9.13. Sophomore girls in-town ranked fifth in average money spent per pupil for one week with \$7.29. Sophomore girls out-of-town ranked sixth in average money spent per pupil for one week with \$6.14.

Table IX illustrates average purchases for one week by sex and residence.

TABLE IX
ONE-WEEK AVERAGE PURCHASES FOR PARTICIPANTS
BY SEX AND RESIDENCE

Participants' Sex and Residence	Aver. Money Spent 1-wk. Per Pupil
Boys--In-town	\$20.84
Boys--Out-town	17.25
Girls--Out-town	12.48
Girls--In-town	10.78

Boys in-town ranked first in average money spent per pupil for one week with \$20.84. Boys out-of-town ranked second in average money spent per pupil for one week with \$17.25. Girls out-of-town ranked third in average money spent per pupil for one week with \$12.48. Girls in-town ranked fourth in average money spent per pupil for one week with \$10.78. Participating boys spent considerably more

than participating girls. Participants living in-town spent slightly more than those living out-of-town.

II. DATA ON PURCHASES

Table X shows a preview summary of total purchases by participants' class and item for four weeks. Clothing ranked first in total purchases with \$1,531.70. Automobile supplies and accessories ranked second in total purchases with \$1,141.06. Financial items ranked third in total purchases with \$1,114.20. Other major purchases were personal at \$701.47, groceries at \$499.77, services at \$400.53, lunches and meals at \$345.92, school lunches at \$237.83, miscellaneous recreation at \$232.74, and movies at \$215.19. Other purchases were pop and coke at \$164.30, notions at \$129.09, school supplies at \$120.13, candy at \$101.16, dances at \$70.70, ice cream at \$43.56, shakes and malts at \$39.61, peanuts and chips at \$30.72, church and other donations at \$20.22, gum at \$17.73, popcorn at \$14.84, basketball at \$8.40, beverages at \$5.43, and beer at \$3.05. Miscellaneous at \$1,378.16 will be explained when it is presented as a separate item on page 74.

TABLE X

PREVIEW SUMMARY OF TOTAL PURCHASES FOR FOUR WEEKS
BY PARTICIPANTS' CLASS AND ITEM

Items Purchased	Sophomore Participants	Junior Participants	Senior Participants	Total
Clothing	\$ 520.86	\$ 308.81	\$ 702.03	\$1,531.70
Auto Supplies	106.57	389.32	645.17	1,141.06
Financial	527.38	214.88	371.94	1,114.20
Personal	134.57	182.26	284.64	701.47
Groceries	65.53	161.99	267.25	499.77
Services	78.91	152.87	168.75	400.53
Lunches/Meals	103.39	104.32	138.21	345.92
School Lunches	84.09	57.93	95.81	237.83
Misc. Rec.	29.96	36.55	166.23	232.74
Movies	50.49	77.80	86.90	215.19
Pop	59.73	54.28	50.29	164.30
Notions	43.92	24.85	60.42	129.09
School Sup.	39.12	36.30	44.71	120.13
Candy	44.52	31.09	25.55	101.16
Dances	16.30	15.65	38.75	70.70
Ice Cream	18.28	10.79	14.49	43.56
Shakes/Malts	22.71	10.10	6.80	39.61
Peanuts/Chips	13.08	9.20	8.44	30.72
Church	9.48	4.45	6.29	20.22
Gum	10.00	4.26	3.47	17.73
Popcorn	5.39	4.80	4.65	14.84
Basketball	2.45	5.10	.85	8.40
Beverages	1.23	2.35	1.85	5.43
Beer	0.00	2.05	1.00	3.05
Misc.	<u>411.61</u>	<u>480.68</u>	<u>485.87</u>	<u>1,378.16</u>
Total	\$2,410.02	\$2,426.60	\$3,770.56	\$8,607.18

Table XI shows the average of 152 students' clothing purchases for four weeks and one week by class. Clothing included all types of garments and shoes worn by high school students.

TABLE XI
AVERAGE OF 152 STUDENTS' CLOTHING PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$17.12	\$4.28
Sophomores	9.14	2.29
Juniors	5.72	1.43

Seniors ranked first in average money spent per pupil for clothing in four weeks with \$17.12 and in one week with \$4.28. Sophomores ranked second in average money spent per pupil for clothing in four weeks with \$9.14 and in one week with \$2.29. Juniors ranked third in average money spent per pupil for clothing in four weeks with \$5.72 and in one week with \$1.43.

Table XII illustrates the average of 152 high school students' clothing purchases for four weeks and one week by class, sex, and residence. Senior girls out-of-town ranked first in average money spent per pupil for clothing in four weeks with \$23.59 and in one week with \$5.90. Senior girls in-town ranked second in average money spent per pupil for clothing in four weeks with \$18.90 and in one week with \$4.73. Senior boys in-town ranked lowest in average money spent per pupil for clothing in four weeks with \$1.35 and in one week with 34 cents. Girls spent more than boys for clothing.

TABLE XII

AVERAGE OF 152 STUDENTS' CLOTHING PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors Girls--Out-of-town	\$23.59	\$5.90
Senior Girls--In-town	18.90	4.73
Sophomore Girls--In-town	11.57	2.89
Junior Boys--In-town	10.03	2.51
Sophomore Girls--Out-of-town	9.11	2.28
Senior Boys--Out-of-town	8.22	2.06
Sophomore Boys--In-town	8.15	2.04
Junior Girls--In-town	6.47	1.62
Junior Boys--Out-of-town	4.94	1.24
Junior Girls--Out-of-town	3.66	.92
Sophomore Boys--Out-of-town	3.49	.87
Senior Boys--In-town	1.35	.34

Table XIII shows the average of 152 students' automobile accessory and supply purchases for four weeks and one week by class. Automobile accessories and supplies included all items purchased for cars and supplies such as gas, oil, and lubricants.

TABLE XIII

AVERAGE OF 152 STUDENTS' AUTOMOBILE ACCESSORY & SUPPLY
PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$15.74	\$3.94
Juniors	9.50	2.38
Sophomores	1.87	.47

Seniors ranked first in average money spent per pupil for automobile accessories and supplies in four weeks with \$15.74 and in one week with \$3.94. Juniors ranked second in average money spent per pupil for automobile accessories and supplies in four weeks with \$9.50 and in one week with \$2.38. Sophomores ranked third in average money spent per pupil for automobile accessories and supplies in four weeks with \$1.87 and in one week with 47 cents.

Table XIV illustrates the average of 152 students' automobile accessory and supply purchases for four weeks and one week by class, sex, and residence. Senior boys out-of-town ranked first in average money spent per pupil for automobile accessories and supplies in four weeks with \$45.29 and in one week with \$11.32. Sophomore girls in-town ranked lowest in average money spent per pupil for automobile accessories and supplies in four weeks with 3 cents and in one

TABLE XIV

AVERAGE OF 152 STUDENTS' AUTOMOBILE ACCESSORY/SUPPLY PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--Out-of-town	\$45.29	\$11.32
Senior Boys--In-town	24.01	6.00
Junior Boys--Out-of-town	22.90	5.73
Senior Girls--Out-of-town	7.40	1.85
Junior Boys--In-town	7.03	1.76
Sophomore Boys--Out-of-town	6.10	1.53
Sophomore Boys--In-town	5.63	1.41
Junior Girls--Out-of-town	2.19	.55
Senior Girls--In-town	1.52	.38
Junior Girls--In-town	1.18	.30
Sophomore Girls--Out-of-town	.10	.03
Sophomore Girls--In-town	.03	.01

week with 1 cent. Boys spent considerably more than girls for automobile accessories and supplies. Both boys and girls out-of-town spent more than those living in-town.

Table XV shows the average of 152 students' financial items for four weeks and one week by class. Financial items included savings deposits, insurance payments, savings bonds, payments on loans, and new loans.

TABLE XV
AVERAGE OF 152 STUDENTS' FINANCIAL ITEMS
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomores	\$9.25	\$2.31
Seniors	9.07	2.27
Juniors	3.98	1.00

Sophomores ranked first in average money spent per pupil for financial items in four weeks with \$9.25 and in one week with \$2.31. Seniors ranked second in average money spent per pupil for financial items in four weeks with \$9.07 and in one week with \$2.27. Juniors ranked third in average money spent per pupil for financial items in four weeks with \$3.98 and in one week with \$1.00.

Table XVI shows the average of 152 students' financial items for four weeks and one week by class, sex, and residence. Sophomore boys in-town ranked first in average money spent per pupil for financial items in four weeks with \$35.24 and in one week with \$8.81. Junior girls in-town and sophomore girls out-of-town ranked lowest in average money spent per pupil for financial items in four weeks with 4 cents and in one week with 1 cent. Boys spent considerably more on financial items than girls. In-town participants spent

TABLE XVI

AVERAGE OF 152 STUDENTS' FINANCIAL ITEMS FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys--In-town	\$35.24	\$8.81
Junior Boys--In-town	19.61	4.90
Senior Boys--In-town	16.20	4.05
Senior Girls--Out-of-town	15.00	3.75
Sophomore Boys--Out-of-town	8.42	2.11
Senior Boys--Out-of-town	6.76	1.69
Sophomore Girls--In-town	2.80	.70
Senior Girls--In-town	2.51	.63
Junior Boys--Out-of-town	2.09	.52
Junior Girls--Out-of-town	1.80	.45
Junior Girls--In-town	.04	.01
Sophomore Girls--Out-of-town	.04	.01

more than those living out-of-town. There is a possibility that some of this money might have been saved and later in the month spent on another commodity.

Table XVII shows the average of 152 students' personal purchases for four weeks and one week by class. Personal included all items of a personal nature such as cosmetics, toothpastes, deodorants, hand lotions, hairpins, hair

TABLE XVII
AVERAGE OF 152 STUDENTS' PERSONAL PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$9.38	\$2.35
Juniors	3.38	.85
Sophomores	2.36	.59

nets, combs, curlers, fingernail polishes, creams, powders, sanitary napkins, shampoos, perfumes, wave sets, billfolds, razor blades, jewelry, haircuts, and beauty parlor services.

Seniors ranked first in average money spent per pupil for personal purchases in four weeks with \$9.38 and in one week with \$2.35. Juniors ranked second in average money spent per pupil for personal purchases in four weeks with \$3.38 and in one week with 85 cents. Sophomores ranked third in average money spent per pupil for personal purchases in four weeks with \$2.36 and in one week with 59 cents.

Table XVIII shows the average of 152 students' personal purchases for four weeks and one week by class, sex, and residence. Senior girls in-town ranked first in average money spent per pupil for personal purchases in four weeks with \$13.18 and in one week with \$3.30. Sophomore boys out-of-town ranked lowest in average money spent per pupil for

TABLE XVIII

AVERAGE OF 152 STUDENTS' PERSONAL PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Girls--In-town	\$13.18	\$3.30
Senior Girls--Out-of-town	10.93	2.73
Senior Boys--Out-of-town	5.62	1.41
Junior Girls--In-town	4.86	1.22
Junior Girls--Out-of-town	4.69	1.17
Sophomore Boys--In-town	3.03	.76
Sophomore Girls--Out-of-town	2.67	.67
Sophomore Girls--In-town	2.25	.56
Senior Boys--In-town	1.52	.38
Junior Boys--In-town	1.20	.30
Junior Boys--Out-of-town	.85	.21
Sophomore Boys--Out-of-town	.35	.09

personal purchases in four weeks with 35 cents and in one week with 9 cents. Girls spent considerably more than boys on personal purchases. Participants in-town spent more than those living out-of-town.

Table XIX shows the average of 152 students' grocery purchases for four weeks and one week by class. Groceries included meat, bakery goods, and all grocery items.

TABLE XIX
AVERAGE OF 152 STUDENTS' GROCERY PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$6.64	\$1.66
Juniors	3.00	.75
Sophomores	1.15	.29

Seniors ranked first in average money spent per pupil for grocery purchases in four weeks with \$6.64 and in one week with \$1.66. Juniors ranked second in average money spent per pupil for grocery purchases in four weeks with \$3.00 and in one week with 75 cents. Sophomores ranked third in average money spent per pupil for grocery purchases in four weeks with \$1.15 and in one week with 29 cents.

Table XX shows the average of 152 students' grocery purchases for four weeks and one week by class, sex, and residence. Senior girls in-town ranked first in average money spent per pupil for grocery purchases in four weeks with \$8.50 and in one week with \$2.13. Senior boys in-town ranked lowest in average money spent per pupil for grocery purchases in four weeks with 73 cents and in one week with 18 cents. Girls spent more than boys for groceries.

TABLE XX

AVERAGE OF 152 STUDENTS' GROCERY PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Girls--In-town	\$8.50	\$2.13
Senior Boys--Out-of-town	6.76	1.69
Senior Girls--Out-of-town	6.44	1.61
Junior Girls--In-town	4.47	1.12
Junior Girls--Out-of-town	2.82	.71
Junior Boys--In-town	2.56	.64
Junior Boys--Out-of-town	1.61	.40
Sophomore Boys--Out-of-town	1.46	.37
Sophomore Girls--In-town	1.17	.29
Sophomore Girls--Out-of-town	1.11	.28
Sophomore Boys--In-town	1.03	.26
Senior Boys--In-town	.73	.18

Table XXI shows the average of 152 students' purchases of service items for four weeks and one week by class. Services included fees for doctors, dentists, dry cleaners, shoe repairs, watch repairs, and music lessons. Seniors ranked first in average money spent per pupil for service items in four weeks with \$4.12 and in one week with \$1.03. Juniors

TABLE XXI
AVERAGE OF 152 STUDENTS' SERVICE ITEMS
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$4.12	\$1.03
Juniors	2.83	.71
Sophomores	1.38	.35

ranked second in average money spent per pupil for service items in four weeks with \$2.83 and in one week with 71 cents. Sophomores ranked third in average money spent per pupil for service items in four weeks with \$1.38 and in one week with 35 cents.

Table XXII illustrates the average of 152 students' service items for four weeks and one week by class, sex, and residence. Junior girls in-town ranked first in average money spent per pupil for service items in four weeks with \$7.57 and in one week with \$1.89. Sophomore boys out-of-town ranked second in average money spent per pupil for service items in four weeks with \$7.27 and in one week with \$1.82. Junior girls out-of-town ranked lowest in average money spent per pupil for service items in four weeks with approximately 1 cent and in one week with approximately 1/4 cent. Boys spent more than girls on service items.

TABLE XXII

AVERAGE OF 152 STUDENTS' SERVICE ITEMS FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Junior Girls--In-town	\$7.57	\$1.89
Sophomore Boys--Out-of-town	7.27	1.82
Senior Boys--Out-of-town	6.35	1.59
Senior Boys--In-town	5.45	1.36
Senior Girls--Out-of-town	3.37	.84
Senior Girls--In-town	2.90	.73
Junior Boys--Out-of-town	1.82	.46
Sophomore Boys--In-town	1.25	.31
Junior Boys--In-town	1.22	.31
Sophomore Girls--Out-of-town	.88	.22
Sophomore Girls--In-town	.14	.04
Junior Girls--Out-of-town	.006	.001

Table XXIII shows the average of 152 students' lunch and meal purchases for four weeks and one week by class. Lunches and meals included breakfast, lunch, and dinner eaten in a public eating establishment. It also included snacks and evening lunches.

TABLE XXIII

AVERAGE OF 152 STUDENTS' LUNCH AND MEAL PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$33.71	\$8.43
Juniors	19.32	4.83
Sophomores	18.14	4.54

Seniors ranked first in average money spent per pupil for lunches and meals in four weeks with \$33.71 and in one week with \$8.43. Juniors ranked second in average money spent per pupil for lunches and meals in four weeks with \$19.32 and in one week with \$4.83. Sophomores ranked third in average money spent per pupil for lunches and meals in four weeks with \$18.14 and in one week with \$4.54.

Table XXIV shows the average of 152 students' lunch and meal purchases for four weeks and one week by class, sex, and residence. Senior boys out-of-town ranked first in average money spent per pupil for lunches and meals in four weeks with \$4.78 and in one week with \$1.20. Junior boys out-of-town ranked lowest in average money spent per pupil for lunches and meals in four weeks with \$1.23 and in one week with 31 cents.

TABLE XXIV

AVERAGE OF 152 STUDENTS' LUNCH AND MEAL PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--Out-of-town	\$4.78	\$1.20
Senior Girls--In-town	3.17	.79
Senior Girls--Out-of-town	3.01	.75
Junior Boys--In-town	2.95	.74
Sophomore Boys--In-town	2.82	.71
Junior Girls--Out-of-town	2.33	.58
Senior Boys--In-town	2.32	.58
Sophomore Boys--Out-of-town	1.60	.40
Sophomore Girls--Out-of-town	1.55	.39
Sophomore Girls--In-town	1.53	.38
Junior Girls--In-town	1.51	.38
Junior Boys--Out-of-town	1.23	.31

Table XXV shows the average of 152 students' school lunch purchases for four weeks and one week by class. School lunches included only the purchases of the noon meal at the school operated hot-lunch program which was served at a cost of 35 cents per pupil per meal. The average money spent per pupil on school lunches for one week might be low because many students ate in downtown restaurants or carried a sack lunch.

TABLE XXV

AVERAGE OF 152 STUDENTS' SCHOOL LUNCH PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$2.34	.59
Sophomores	1.48	.37
Juniors	1.07	.27

Seniors ranked first in average money spent per pupil for school lunches in four weeks with \$2.34 and in one week with 59 cents. Sophomores ranked second in average money spent per pupil for school lunches in four weeks with \$1.48 and in one week with 37 cents. Juniors ranked third in average money spent per pupil for school lunches in four weeks with \$1.07 and in one week with 27 cents.

Table XXVI shows the average of 152 students' school lunch purchases for four weeks and one week by class, sex, and residence. Senior boys out-of-town ranked first in average money spent per pupil for school lunches in four weeks with \$2.82 and in one week with 71 cents. Junior boys in-town ranked lowest in average money spent per pupil for school lunches in four weeks and one week with no purchases. Boys spent slightly more on school lunches than girls.

TABLE XXVI

AVERAGE OF 152 STUDENTS' SCHOOL LUNCH PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--Out-of-town	\$2.82	.71
Senior Boys--In-town	2.39	.60
Senior Girls--In-town	2.29	.57
Junior Boys--Out-of-town	2.09	.52
Senior Girls--Out-of-town	2.03	.51
Sophomore Girls--In-town	1.97	.49
Sophomore Girls--Out-of-town	1.68	.42
Sophomore Boys--Out-of-town	1.47	.37
Junior Girls--Out-of-town	1.04	.26
Junior Girls--In-town	.89	.22
Sophomore Boys--In-town	.35	.09
Junior Boys--In-town	.00	.00

Table XXVII shows the average of 152 students' miscellaneous recreation items for four weeks and one week by class. Miscellaneous recreation included pool, bowling, roller skating, gambling, skiing, and juke box music. Seniors ranked first in average money spent per pupil for miscellaneous recreation in four weeks with \$4.05 and in one week with

TABLE XXVII

AVERAGE OF 152 STUDENTS' MISCELLANEOUS RECREATION ITEMS
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$4.05	\$1.01
Juniors	.68	.17
Sophomores	.53	.13

\$1.01. Juniors ranked second in average money spent per pupil for miscellaneous recreation in four weeks with 68 cents and in one week with 17 cents. Sophomores ranked third in average money spent per pupil for miscellaneous recreation in four weeks with 53 cents and in one week with 13 cents.

Table XXVIII illustrates the average of 152 students' miscellaneous recreation items for four weeks and one week by class, sex, and residence. Senior boys in-town ranked first in average money spent per pupil for miscellaneous recreation in four weeks with \$28.24 and in one week with \$7.06. Junior girls in-town ranked lowest in average money spent per pupil for miscellaneous recreation in four weeks and one week with no purchases. Boys spent considerably more than girls for miscellaneous recreation. Participants in-town spent more than those living out-of-town for miscellaneous recreation items.

TABLE XXVIII

AVERAGE OF 152 STUDENTS' MISCELLANEOUS RECREATION ITEMS FOR
FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--In-town	\$28.24	\$7.06
Junior Boys--In-town	1.50	.38
Junior Girls--Out-of-town	1.10	.28
Senior Girls--Out-of-town	.77	.19
Sophomore Girls--Out-of-town	.73	.18
Senior Girls--In-town	.66	.17
Sophomore Boys--In-town	.66	.17
Senior Boys--Out-of-town	.64	.16
Junior Boys--Out-of-town	.39	.10
Sophomore Girls--In-town	.37	.09
Sophomore Boys--Out-of-town	.07	.02
Junior Girls--In-town	.00	.00

Table XXIX shows the average of 152 students' movie ticket purchases for four weeks and one week by class. Movies included those which were attended in public theatres and those in school for which there was a charge. Seniors ranked first in average money spent per pupil for movie tickets in four weeks with \$2.12 and in one week with 53 cents. Juniors

TABLE XXIX

AVERAGE OF 152 STUDENTS' MOVIE TICKET PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$2.12	.53
Juniors	1.44	.36
Sophomores	.89	.22

ranked second in average money spent per pupil for movie tickets in four weeks with \$1.44 and in one week with 36 cents. Sophomores ranked third in average money spent per pupil for movie tickets in four weeks with 89 cents and in one week with 22 cents.

Table XXX shows the average of 152 students' movie ticket purchases for four weeks and one week by class, sex, and residence. Senior boys in-town ranked first in average money spent per pupil for movie tickets in four weeks with \$4.15 and in one week with \$1.04. Sophomore girls in-town ranked lowest in average money spent per pupil for movie tickets in four weeks with 35 cents and in one week with 9 cents. Boys spent more than girls on movie tickets.

TABLE XXX

AVERAGE OF 152 STUDENTS' MOVIE TICKET PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--In-town	\$4.15	\$1.04
Senior Boys--Out-of-town	2.58	.65
Senior Girls--Out-of-town	1.98	.50
Junior Girls--Out-of-town	1.68	.42
Junior Boys--In-town	1.65	.41
Sophomore Boys--In-town	1.41	.35
Junior Boys--Out-of-town	1.30	.33
Senior Girls--In-town	1.23	.31
Junior Girls--In-town	1.17	.29
Sophomore Girls--Out-of-town	1.07	.27
Sophomore Boys--Out-of-town	.92	.23
Sophomore Girls--In-town	.35	.09

Table XXXI shows the average of 152 students' pop purchases for four weeks and one week by class. Pop included bottled beverages as well as fountain dispensed soda water. Individual bottles, glasses, and six-bottle cartons were included. Seniors ranked first in average money spent per pupil for pop in four weeks with \$1.23 and in one week with

TABLE XXXI
AVERAGE OF 152 STUDENTS' POP PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$1.23	.31
Sophomores	1.05	.26
Juniors	1.01	.25

31 cents. Sophomores ranked second in average money spent per pupil for pop in four weeks with \$1.05 and in one week with 26 cents. Juniors ranked third in average money spent per pupil for pop in four weeks with \$1.01 and in one week with 25 cents.

Table XXXII shows the average of 152 students' pop purchases for four weeks and one week by class, sex, and residence. Sophomore boys in-town ranked first in average money spent per pupil for pop in four weeks with \$1.47 and in one week with 37 cents. Senior boys out-of-town ranked lowest in average money spent per pupil for pop in four weeks with 65 cents and in one week with 16 cents. In-town participants spent more than those living out-of-town for pop.

TABLE XXXII

AVERAGE OF 152 STUDENTS' POP PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys--In-town	\$1.47	.37
Senior Girls--Out-of-town	1.32	.33
Junior Girls--Out-of-town	1.12	.28
Junior Boys--In-town	1.11	.28
Sophomore Girls--In-town	1.03	.26
Senior Girls--In-town	.97	.24
Junior Girls--In-town	.95	.24
Senior Boys--In-town	.93	.23
Sophomore Boys--Out-of-town	.88	.22
Sophomore Girls--Out-of-town	.86	.22
Junior Boys--Out-of-town	.85	.21
Senior Boys--Out-of-town	.65	.16

Table XXXIII shows the average of 152 students' notions purchases for four weeks and one week by class. Notions included student expenditures for material, patterns, pins, ribbons, needles, binding tapes, threads, buttons, yarn, zippers, rick rack, elastic, and veiling.

Seniors ranked first in average money spent per pupil for notions in four weeks with \$1.47 and in one week with 37 cents. Sophomores ranked second in average money spent

TABLE XXXIII

AVERAGE OF 152 STUDENTS' NOTIONS PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$1.47	.37
Sophomores	.77	.19
Juniors	.46	.12

per pupil for notions in four weeks with 77 cents and in one week with 19 cents. Juniors ranked third in average money spent per pupil for notions in four weeks with 46 cents and in one week with 12 cents.

Table XXXIV shows the average of 152 students' notions purchases for four weeks and one week by class, sex, and residence. Senior girls out-of-town ranked first in average money spent per pupil for notions in four weeks with \$3.37 and in one week with 84 cents. Junior boys in-town, junior boys out-of-town, sophomore boys in-town, and sophomore boys out-of-town ranked lowest in average money spent per pupil for notions in four weeks and one week with no purchases. Girls spent considerably more than boys for notion purchases. Out-of-town participants spent slightly more than those living in-town for notions.

TABLE XXXIV

AVERAGE OF 152 STUDENTS' NOTIONS PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Girls--Out-of-town	\$3.37	.84
Sophomore Girls--In-town	1.83	.46
Senior Girls--In-town	1.15	.29
Junior Girls--Out-of-town	.92	.23
Junior Girls--In-town	.52	.13
Sophomore Girls--Out-of-town	.45	.11
Senior Boys--In-town	.06	.02
Senior Boys--Out-of-town	.02	.005
Junior Boys--In-town	.00	.00
Junior Boys--Out-of-town	.00	.00
Sophomore Boys--In-town	.00	.00
Sophomore Boys--Out-of-town	.00	.00

Table XXXV shows the average of 152 students' school and office supply purchases for four weeks and one week by class. School and office supplies included paper, pencils, lead, ink, eversharps, index cards, pens, erasers, tacks, scotch tape, crayons, pastes, rulers, book fines, paper clips, and paper punchers.

TABLE XXXV

AVERAGE OF 152 STUDENTS' SCHOOL AND OFFICE SUPPLY PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$1.09	.27
Sophomores	.69	.17
Juniors	.67	.17

Seniors ranked first in average money spent per pupil for school and office supplies in four weeks with \$1.09 and in one week with 27 cents. Sophomores ranked second in average money spent per pupil for school and office supplies in four weeks with 69 cents and in one week with 17 cents. Juniors ranked third in average money spent per pupil for school and office supplies in four weeks with 67 cents and in one week with 17 cents.

Table XXXVI illustrates the average of 152 students' school and office supply purchases for four weeks and one week by class, sex, and residence. Senior boys out-of-town ranked first in average money spent per pupil for school and office supplies in four weeks with \$2.71 and in one week with 68 cents. Junior boys out-of-town ranked lowest in average money spent per pupil for school and office supplies in four

TABLE XXXVI

AVERAGE OF 152 STUDENTS' SCHOOL AND OFFICE SUPPLY PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--Out-of-town	\$2.71	.68
Senior Girls--Out-of-town	1.05	.26
Junior Girls--Out-of-town	.95	.24
Sophomore Girls--In-town	.88	.22
Junior Girls--In-town	.87	.22
Sophomore Girls--Out-of-town	.64	.16
Sophomore Boys--In-town	.57	.14
Sophomore Boys--Out-of-town	.44	.11
Senior Girls--In-town	.38	.10
Junior Boys--In-town	.30	.08
Senior Boys--In-town	.28	.07
Junior Boys--Out-of-town	.24	.06

weeks with 24 cents and in one week with 6 cents. Girls spent more than boys for school and office supplies. Out-of-town participants spent considerably more than those living in-town.

Table XXXVII shows the average of 152 students' candy purchases for four weeks and one week by class. Candy included all purchases made for candy bars, suckers, bag candy, and box candy. The candy bar was a popular item.

TABLE XXXVII
AVERAGE OF 152 STUDENTS' CANDY PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomores	.78	.20
Seniors	.62	.16
Juniors	.58	.15

Sophomores ranked first in average money spent per pupil for candy in four weeks with 78 cents and in one week with 20 cents. Seniors ranked second in average money spent per pupil for candy in four weeks with 62 cents and in one week with 16 cents. Juniors ranked third in average money spent per pupil for candy in four weeks with 58 cents and in one week with 15 cents.

Table XXXVIII shows the average of 152 students' candy purchases for four weeks and one week by class, sex, and residence. Sophomore girls in-town ranked first in average money spent per pupil for candy in four weeks with 95 cents and in one week with 24 cents. Senior boys in-town ranked lowest in average money spent per pupil for candy in four weeks with 21 cents and in one week with 5 cents.

TABLE XXXVIII

AVERAGE OF 152 STUDENTS' CANDY PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Girls--In-town	.95	.24
Senior Girls--In-town	.89	.22
Sophomore Boys--Out-of-town	.81	.20
Sophomore Boys--In-town	.76	.19
Junior Boys--In-town	.66	.17
Junior Girls--Out-of-town	.66	.17
Sophomore Girls--Out-of-town	.63	.16
Junior Girls--In-town	.58	.15
Junior Boys--Out-of-town	.39	.10
Senior Girls--Out-of-town	.37	.09
Senior Boys--Out-of-town	.25	.06
Senior Boys--In-town	.21	.05

Table XXXIX shows the average of 152 students' dance ticket purchases for four weeks and one week by class. Dances included public and school-sponsored dances for which there was a charge. Seniors ranked first in average money spent per pupil for dance tickets in four weeks with 95 cents and in one week with 24 cents. Juniors and sophomores tied

TABLE XXXIX

AVERAGE OF 152 STUDENTS' DANCE TICKET PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	.95	.24
Juniors	.29	.07
Sophomores	.29	.07

for second in average money spent per pupil for dance tickets in four weeks with 29 cents and in one week with 7 cents.

Table XL illustrates the average of 152 students' dance ticket purchases for four weeks and one week by class, sex, and residence. Senior boys in-town ranked first in average money spent per pupil for dance tickets in four weeks with \$1.80 and in one week with 45 cents. Sophomore boys out-of-town ranked lowest in average money spent per pupil for dance tickets in four weeks and in one week with no purchases. Boys spent more than girls for dance tickets. In-town participants spent more than those living out-of-town for dance ticket purchases.

TABLE XL

AVERAGE OF 152 STUDENTS' DANCE TICKET PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--In-town	\$1.80	.45
Senior Girls--In-town	1.30	.33
Senior Boys--Out-of-town	1.14	.29
Sophomore Boys--In-town	.54	.14
Junior Girls--In-town	.45	.11
Junior Boys--Out-of-town	.37	.09
Sophomore Girls--In-town	.29	.07
Sophomore Girls--Out-of-town	.21	.05
Junior Boys--In-town	.16	.04
Junior Girls--Out-of-town	.15	.04
Senior Girls--Out-of-town	.10	.03
Sophomore Boys--Out-of-town	.00	.00

Table XLI shows the average of 152 students' ice cream purchases for four weeks and one week by class. Ice cream included ice cream cones, ice cream bars, bulk ice cream, drum sticks, and cake rolls. Seniors ranked first in average money spent per pupil for ice cream purchases in four weeks with 35 cents and in one week with 9 cents.

TABLE XLI

AVERAGE OF 152 STUDENTS' ICE CREAM PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	.35	.09
Sophomores	.32	.08
Juniors	.20	.05

Sophomores ranked second in average money spent per pupil for ice cream purchases in four weeks with 32 cents and in one week with 8 cents. Juniors ranked third in average money spent per pupil for ice cream purchases in four weeks with 20 cents and in one week with 5 cents.

Table XLII shows the average of 152 students' ice cream purchases for four weeks and one week by class, sex, and residence. Senior boys out-of-town ranked first in average money spent per pupil for ice cream purchases in four weeks with 87 cents and in one week with 22 cents. Junior boys out-of-town ranked lowest in average money spent per pupil for ice cream purchases in four weeks with 11 cents and in one week with 3 cents. Boys spent more than girls for ice cream purchases.

TABLE XLII

AVERAGE OF 152 STUDENTS' ICE CREAM PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--Out-of-town	.87	.22
Sophomore Boys--In-town	.63	.16
Sophomore Boys--Out-of-town	.38	.10
Junior Boys--In-town	.29	.07
Junior Girls--In-town	.27	.07
Sophomore Girls--Out-of-town	.27	.07
Senior Girls--Out-of-town	.24	.06
Senior Boys--In-town	.20	.05
Senior Girls--In-town	.18	.05
Sophomore Girls--In-town	.17	.04
Junior Girls--Out-of-town	.16	.04
Junior Boys--Out-of-town	.11	.03

Table XLIII shows the average of 152 students' sundaes and shake purchases for four weeks and one week by class. Sundaes and shakes included malted milks, milk shakes, floats, sodas, and sundaes. Sophomores ranked first in average money spent per pupil for sundaes and shakes in four weeks with 40 cents and in one week with 10 cents. Juniors ranked

TABLE XLIII

AVERAGE OF 152 STUDENTS' SUNDAE AND SHAKE PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomores	.40	.10
Juniors	.19	.05
Seniors	.17	.04

second in average money spent per pupil for sundaes and shakes in four weeks with 19 cents and in one week with 5 cents. Seniors ranked third in average money spent per pupil for sundaes and shakes in four weeks with 17 cents and in one week with 4 cents.

Table XLIV shows the average of 152 students' sundae and shake purchases for four weeks and one week by class, sex, and residence. Sophomore boys in-town ranked first in average money spent per pupil for sundaes and shakes in four weeks with 90 cents and in one week with 23 cents. Senior girls in-town ranked lowest in average money spent per pupil for sundaes and shakes in four weeks with no purchases. Boys spent more than girls for sundaes and shakes.

TABLE XLIV

AVERAGE OF 152 STUDENTS' SUNDAE AND SHAKE PURCHASES FOR
FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys--In-town	.90	.23
Junior Boys--In-town	.60	.15
Senior Boys--Out-of-town	.56	.14
Sophomore Girls--Out-of-town	.44	.11
Senior Boys--In-town	.28	.07
Junior Girls--Out-of-town	.15	.04
Sophomore Girls--In-town	.15	.04
Junior Boys--Out-of-town	.10	.03
Junior Girls--In-town	.08	.02
Sophomore Boys--Out-of-town	.06	.02
Senior Girls--Out-of-town	.03	.01
Senior Girls--In-town	.00	.00

Table XLV shows the average of 152 students' peanut and potatoe chip purchases for four weeks and one week by class. Peanuts and potatoe chips included peanuts, potato chips, and other nuts and chips not used in cooking operations. Sophomores ranked first in average money spent per pupil for peanuts and potatoe chips in four weeks with 23 cents and in one week with 6 cents. Seniors ranked second

TABLE XLV

AVERAGE OF 152 STUDENTS' PEANUT AND POTATOE CHIP PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomores	.23	.06
Seniors	.21	.05
Juniors	.17	.04

in average money spent per pupil for peanuts and potatoe chips in four weeks with 21 cents and in one week with 5 cents. Juniors ranked third in average money spent per pupil for peanuts and potatoe chips in four weeks with 17 cents and in one week with 4 cents.

Table XLVI shows the average of 152 students' peanut and potatoe chip purchases for four weeks and one week by class, sex, and residence. Senior girls out-of-town ranked first in average money spent per pupil for peanuts and potatoe chips in four weeks with 47 cents and in one week with 12 cents. Senior boys out-of-town ranked lowest in average money spent per pupil for peanuts and potatoe chips in four weeks with 3 cents and in one week with 1 cent.

TABLE XLVI

AVERAGE OF 152 STUDENTS' PEANUT AND POTATOE CHIP PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Girls--Out-of-town	.47	.12
Sophomore Boys--Out-of-town	.30	.08
Sophomore Girls--In-town	.28	.07
Sophomore Boys--In-town	.25	.06
Junior Girls--In-town	.22	.06
Junior Boys--In-town	.20	.05
Sophomore Girls--Out-of-town	.15	.04
Junior Boys--Out-of-town	.14	.04
Junior Girls--Out-of-town	.13	.03
Senior Girls--In-town	.12	.03
Senior Boys--In-town	.08	.02
Senior Boys--Out-of-town	.03	.01

Table XLVII shows the average of 152 students' church contributions and donations for four weeks and one week by class. Church contributions included the amounts given by students to the Sunday collections and Sunday School. Donations included student contributions to Red Cross and the March of Dimes. Sophomores ranked first in average money spent per pupil for church contributions and donations in

TABLE XLVII

AVERAGE OF 152 STUDENTS' CHURCH CONTRIBUTIONS AND DONATIONS
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomores	.17	.04
Seniors	.15	.04
Juniors	.08	.02

four weeks with 17 cents and in one week with 4 cents. Seniors ranked second in average money spent per pupil for church contributions and donations in four weeks with 15 cents and in one week with 4 cents. Juniors ranked third in average money spent per pupil for church contributions and donations in four weeks with 8 cents and in one week with 2 cents.

Table XLVIII shows the average of 152 students' church contributions and donations for four weeks and one week by class, sex, and residence. Sophomore boys in-town ranked first in average money spent per pupil for church contributions and donations in four weeks with 56 cents and in one week with 14 cents. Senior boys in-town, senior boys out-of-town, and sophomore boys out-of-town ranked lowest in average money spent per pupil for church contributions

TABLE XLVIII

AVERAGE OF 152 STUDENTS' CHURCH CONTRIBUTIONS AND DONATIONS
FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys--In-town	.56	.14
Senior Girls--In-town	.25	.06
Senior Girls--Out-of-town	.20	.05
Junior Girls--In-town	.12	.03
Junior Boys--Out-of-town	.10	.03
Junior Girls--Out-of-town	.07	.02
Sophomore Girls--In-town	.07	.02
Sophomore Girls--Out-of-town	.07	.02
Junior Boys--In-town	.03	.01
Senior Boys--In-town	.00	.00
Senior Boys--Out-of-town	.00	.00
Sophomore Boys--Out-of-town	.00	.00

and donations in four weeks or one week with no contributions. Participants living in-town contributed more than those living out-of-town.

Table XLIX shows the average of 152 students' gum purchases for four weeks and one week by class. Gum included packaged and bulk gum. One-cent bubble gum and five-cent

TABLE XLIX
AVERAGE OF 152 STUDENTS' GUM PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomores	.18	.05
Seniors	.09	.02
Juniors	.08	.02

packages were the most popular. Sophomores ranked first in average money spent per pupil for gum purchases in four weeks with 18 cents and in one week with 5 cents. Seniors ranked second in average money spent per pupil for gum purchases in four weeks with 9 cents and in one week with 2 cents. Juniors ranked third in average money spent per pupil for gum purchases in four weeks with 8 cents and in one week with 2 cents.

Table L shows the average of 152 students' gum purchases for four weeks and one week by class, sex, and residence. Sophomore boys in-town ranked first in average money spent per pupil for gum purchases in four weeks with 30 cents and in one week with 8 cents. Junior boys in-town and senior girls in-town ranked lowest in average money spent per pupil for gum purchases in four weeks with 3 cents and in one week with 1 cent. Girls spent slightly more than boys for gum.

TABLE L

AVERAGE OF 152 STUDENTS' GUM PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys--In-town	.30	.08
Sophomore Girls--Out-of-town	.20	.05
Senior Girls--Out-of-town	.13	.03
Junior Girls--In-town	.13	.03
Sophomore Girls--In-town	.12	.03
Senior Boys--Out-of-town	.11	.03
Senior Boys--In-town	.09	.02
Junior Girls--Out-of-town	.08	.02
Junior Boys--Out-of-town	.05	.01
Sophomore Boys--Out-of-town	.05	.01
Junior Boys--In-town	.03	.01
Senior Girls--In-town	.03	.01

Table LI shows the average of 152 students' popcorn purchases for four weeks and one week by class. Popcorn included popcorn and cracker jacks. Seniors ranked first in average money spent per pupil for popcorn purchases in four weeks with 11 cents and in one week with 3 cents.

TABLE LI
AVERAGE OF 152 STUDENTS' POPCORN PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	.11	.03
Sophomores	.10	.03
Juniors	.09	.02

Sophomores ranked second in average money spent per pupil for popcorn purchases in four weeks with 10 cents and in one week with 3 cents. Juniors ranked third in average money spent per pupil for popcorn purchases in four weeks with 9 cents and in one week with 2 cents.

Table LII shows the average of 152 students' popcorn purchases for four weeks and one week by class, sex, and residence. Senior boys in-town, senior boys out-of-town, and sophomore boys in-town ranked first in average money spent per pupil for popcorn purchases in four weeks with 21 cents and in one week with 3 cents. Junior boys in-town and junior boys out-of-town ranked lowest in average money spent per pupil for popcorn purchases in four weeks and one week with no purchases. Boys purchased slightly more popcorn than girls.

TABLE LII

AVERAGE OF 152 STUDENTS' POPCORN PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Senior Boys--In-town	.21	.05
Senior Boys--Out-of-town	.21	.05
Sophomore Boys--In-town	.21	.05
Junior Girls--In-town	.18	.05
Junior Girls--Out-of-town	.11	.03
Senior Girls--Out-of-town	.11	.03
Sophomore Boys--Out-of-town	.10	.03
Sophomore Girls--Out-of-town	.07	.02
Sophomore Girls--In-town	.05	.01
Senior Girls--In-town	.03	.01
Junior Boys--In-town	.00	.00
Junior Boys--Out-of-town	.00	.00

Table LIII shows the average of 152 students' basketball ticket purchases for four weeks and one week by class. The basketball figures included amounts spent on basketball tickets for home and games away. Juniors ranked first in average money spent per pupil for basketball tickets in four weeks with 9 cents and in one week with 2 cents. Sophomores

TABLE LIII

AVERAGE OF 152 STUDENTS' BASKETBALL TICKET PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Juniors	.09	.02
Sophomores	.04	.01
Seniors	.02	.005

ranked second in average money spent per pupil for basketball in four weeks with 4 cents and in one week with 1 cent. Seniors ranked third in average money spent per pupil for basketball tickets in four weeks with 2 cents and in one week with 1/2 cent.

Table LIV shows the average of 152 students' basketball ticket purchases for four weeks and one week by class, sex, and residence. Junior girls out-of-town ranked first in average money spent per pupil for basketball tickets in four weeks with 14 cents and in one week with 4 cents. Junior girls in-town, senior boys in-town, senior girls out-of-town, and sophomore boys out-of-town ranked lowest in average money spent per pupil for basketball tickets in four weeks and one week with no purchases. Boys spent more than girls for basketball tickets.

TABLE LIV

AVERAGE OF 152 STUDENTS' BASKETBALL TICKET PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Junior Girls--Out-of-town	.14	.04
Junior Boys--In-town	.13	.03
Junior Boys--Out-of-town	.13	.03
Sophomore Boys--In-town	.09	.02
Senior Boys--Out-of-town	.06	.02
Sophomore Girls--In-town	.05	.01
Senior Girls--In-town	.03	.01
Sophomore Girls--Out-of-town	.02	.005
Junior Girls--In-town	.00	.00
Senior Boys--In-town	.00	.00
Senior Girls--Out-of-town	.00	.00
Sophomore Boys--Out-of-town	.00	.00

Table LV shows the average of 152 students' beverage purchases for four weeks and one week by class. Beverages included coffee, tea, and milk. Seniors ranked first in average money spent per pupil for beverages in four weeks with 5 cents and in one week with 1 cent. Juniors ranked second in average money spent per pupil for beverages in four weeks with 4 cents and in one week with 1 cent.

TABLE LV
AVERAGE OF 152 STUDENTS' BEVERAGE PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	.05	.01
Juniors	.04	.01
Sophomores	.02	.005

Sophomores ranked third in average money spent per pupil for beverages in four weeks with 2 cents and in one week with 1/2 cent.

Table LVI shows the average of 152 students' beverage purchases for four weeks and one week by class, sex, and residence. Junior boys in-town ranked first in average money spent per pupil for beverages in four weeks with 10 cents and in one week with 3 cents. Senior boys in-town and sophomore boys out-of-town ranked lowest in average money spent per pupil for beverages in four weeks and one week with no purchases. Girls spent slightly more than boys for beverages. Participants living in-town spent slightly more than those living out-of-town for beverages.

TABLE LVI

AVERAGE OF 152 STUDENTS' BEVERAGE PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Junior Boys--In-town	.10	.03
Senior Girls--In-town	.09	.02
Junior Girls--In-town	.06	.02
Senior Girls--Out-of-town	.04	.01
Sophomore Boys--In-town	.03	.01
Sophomore Girls--In-town	.03	.01
Junior Boys--Out-of-town	.02	.005
Junior Girls--Out-of-town	.02	.005
Senior Boys--Out-of-town	.02	.005
Sophomore Girls--Out-of-town	.02	.005
Senior Boys--In-town	.00	.00
Sophomore Boys--Out-of-town	.00	.00

Table LVII shows the average of 152 students' beer purchases for four weeks and one week by class. Beer was purchased to a very limited extent in six-pack form. Juniors ranked first in average money spent per pupil for beer in four weeks with 38 cents and in one week with 10 cents. Seniors ranked second in average money spent per pupil for

TABLE LVII
AVERAGE OF 152 STUDENTS' BEER PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Juniors	.38	.10
Seniors	.02	.005
Sophomores	.00	.00

beer in four weeks with 2 cents and in one week with 1/2 cent. Sophomores ranked third in average money spent per pupil for beer in four weeks or one week with no purchases.

Table LVIII shows the average of 152 students' beer purchases for four weeks and one week by class, sex, and residence. Junior boys in-town ranked first in average money spent per pupil for beer in four weeks with 26 cents and in one week with 7 cents. Senior boys out-of-town ranked second in average money spent per pupil for beer in four weeks with 11 cents and in one week with 3 cents. No other participants indicated a purchase of beer.

Table LIX shows the average of 152 students' miscellaneous purchases for four weeks and one week by class. Miscellaneous included any commodity or service purchased by students during the duration of this survey which was not tabulated or commented on in any other section of this report.

TABLE LVIII

AVERAGE OF 152 STUDENTS' BEER PURCHASES FOR FOUR WEEKS
AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Junior Boys--In-town	.26	.07
Senior Boys--Out-of-town	.11	.03
Junior Boys--Out-of-town	.00	.00
Junior Girls--In-town	.00	.00
Junior Girls--Out-of-town	.00	.00
Senior Boys--In-town	.00	.00
Senior Girls--Out-of-town	.00	.00
Senior Girls--In-town	.00	.00
Sophomore Boys--In-town	.00	.00
Sophomore Boys--Out-of-town	.00	.00
Sophomore Girls--In-town	.00	.00
Sophomore Girls--Out-of-town	.00	.00

Seniors ranked first in average money spent per pupil for miscellaneous purchases in four weeks with \$11.85 and in one week with \$2.96. Juniors ranked second in average money spent per pupil for miscellaneous purchases in four weeks with \$8.90 and in one week with \$2.23. Sophomores ranked

TABLE LIX

AVERAGE OF 152 STUDENTS' MISCELLANEOUS PURCHASES
FOR FOUR WEEKS AND ONE WEEK BY CLASS

Class Participants	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Seniors	\$11.85	\$2.96
Juniors	8.90	2.23
Sophomores	7.22	1.80

third in average money spent per pupil for miscellaneous purchases in four weeks with \$7.22 and in one week with \$1.80.

Table LX shows the average of 152 students' miscellaneous purchases for four weeks and one week by class, sex, and residence. Sophomore boys in-town ranked first in average money spent per pupil for miscellaneous purchases in four weeks with \$25.87 and in one week with \$6.47. Sophomore girls in-town ranked lowest in average money spent per pupil for miscellaneous purchases in four weeks with 97 cents and in one week with 24 cents. Boys purchased more miscellaneous items than girls. Participants living in-town spent more than those living out-of-town for miscellaneous items.

Miscellaneous included such items as sports equipment, photographic supplies, hobbies, and household goods. In each of these items, a large purchase was made by one

TABLE LX

AVERAGE OF 152 STUDENTS' MISCELLANEOUS PURCHASES FOR FOUR WEEKS AND ONE WEEK BY CLASS, SEX, AND RESIDENCE

Participants by Class, Sex, and Residence	Aver. Money Spent 4-wks. Per Pupil	Aver. Money Spent 1-wk. Per Pupil
Sophomore Boys--In-town	\$25.87	\$6.47
Junior Girls--Out-of-town	18.09	4.52
Senior Girls--Out-of-town	14.85	3.71
Senior Boys--Out-of-town	13.70	3.43
Senior Girls--In-town	9.51	2.38
Sophomore Boys--Out-of-town	8.14	2.04
Senior Boys--In-town	7.26	1.82
Junior Boys--Out-of-town	6.54	1.64
Junior Girls--In-town	3.48	.87
Junior Boys--In-town	2.61	.65
Sophomore Girls--Out-of-town	1.69	.42
Sophomore Girls--In-town	.97	.24

individual which would not show a meaningful average amount of money spent per pupil for four weeks and one week. Other miscellaneous items with very small purchases were tobacco, paint, magazines, books, pets, and transportation.

CHAPTER IV

COMPARISON WITH SELECTED SIMILAR SURVEYS

In comparing the Grandview study with the Frederic study (15:1-78), the following information was found. The 98 Frederic participating students spent a total of \$4,433.17 from January 12, 1949, through March 8, 1949. The 152 Grandview participating students spent a total of \$8,607.18 for four weeks starting with February 21, 1966, through March 20, 1966. The typical Frederic High School student spent an average of \$5.66 per week. The typical Grandview High School student spent \$14.16 per week. Participants living in-town spent more than those living out-of-town in both the Frederic and Grandview surveys. Girls purchased more than boys in the Frederic survey, whereas boys purchased more than girls in the Grandview survey.

Table LXI shows a comparison of the consumer-buying results of the Grandview study with those of the Frederic study (15:76). The results of both of these studies were converted to percentages so that a comparison could be made. Clothing ranked first in percent of total purchases in Grandview with 17.8 percent and in Frederic with 16.9 percent. Automobile supplies ranked second in Grandview with 13.3 percent and ranked fourteenth in Frederic with 2.1 percent. Financial ranked third in Grandview with 13 percent and eighth

TABLE LXI

COMPARISON OF THE CONSUMER-BUYING RESULTS OF THE GRANDVIEW
STUDY WITH THOSE OF THE FREDERIC STUDY

Items Purchased	Grandview % of Total Purchases	Frederic % of Total Purchases
Clothing	17.8%	16.9%
Automobile Supplies	13.3%	2.1%
Financial	13.0%	3.7%
Personal	8.1%	3.9%
Groceries	5.8%	7.6%
Services	4.7%	6.3%
Lunches and Meals	4.0%	8.4%
School Lunches	2.8%	6.1%
Miscellaneous Recreation	2.7%	3.2%
Movies	2.5%	4.4%
Pop	1.9%	1.7%
Notions	1.5%	3.5%
School and Office Supplies	1.4%	2.9%
Candy	1.2%	3.4%
Dances	.8%	1.4%
Ice Cream	.5%	1.3%
Sundaes and Shakes	.5%	1.9%
Peanuts and Potatoe Chips	.4%	.4%
Church and Donations	.2%	1.1%
Gum	.2%	.6%
Popcorn	.2%	.8%
Basketball	.1%	2.8%
Beverages	.06%	.5%
Beer	.04%	.3%

in Frederic with 3.7 percent. Personal items were 8.1 percent in Grandview and 3.9 percent in Frederic. Groceries were 5.8 percent in Grandview and 7.6 percent in Frederic. Services were 4.7 percent in Grandview and 6.3 percent in Frederic. Lunches and meals were 4 percent in Grandview and 8.4 percent in Frederic. School lunches were 2.8 percent in

Grandview and 6.1 percent in Frederic. Miscellaneous recreation was 2.7 percent in Grandview and 3.2 percent in Frederic. Movies were 2.5 percent in Grandview and 4.4 percent in Frederic. Pop was 1.9 percent in Grandview and 1.7 percent in Frederic. Notions were 1.5 percent in Grandview and 3.5 percent in Frederic. School and office supplies were 1.4 percent in Grandview and 2.9 percent in Frederic. Candy was 1.2 percent in Grandview and 3.4 percent in Frederic. Dances were .8 percent in Grandview and 1.4 percent in Frederic. Ice cream was .5 percent in Grandview and 1.3 percent in Frederic. Sundaes and shakes were .5 percent in Grandview and 1.9 percent in Frederic. Peanuts and potatoe chips were .4 percent in Grandview and .4 percent in Frederic. Church and donations were .2 percent in Grandview and 1.1 percent in Frederic. Gum was .2 percent in Grandview and .6 percent in Frederic. Popcorn was .2 percent in Grandview and .8 percent in Frederic. Basketball was .1 percent in Grandview and 2.8 percent in Frederic. Beverages were .06 percent in Grandview and .5 percent in Frederic. Beer was .04 percent in Grandview and .3 percent in Frederic.

Table LXII shows a comparison of the consumer-buying results of the Grandview study with those of the Gilbert study (17:26). The results of both of these studies were converted to percentages so that a comparison could be made.

TABLE LXII

COMPARISON OF THE CONSUMER-BUYING RESULTS OF THE GRANDVIEW STUDY WITH THOSE OF THE GILBERT STUDY

Items Purchased	Grandview % of Total Purchases	Gilbert % of Total Purchases
Clothing	17.8%	13%
Automobile Supplies	13.3%	2%
Financial	13.0%	8%
Personal	8.1%	5%
Lunches and Meals	4.0%	7%
School Lunches	2.8%	22%
Miscellaneous Recreation	2.7%	9%
Movies	2.5%	9%
School and Office Supplies	1.4%	7%
Dances	.8%	5%

Clothing was 17.8 percent in the Grandview study and 13 percent in the Gilbert study. Automobile supplies were 13.3 percent in the Grandview study and 2 percent in the Gilbert study. Financial was 13 percent in the Grandview study and 8 percent in the Gilbert study. Personal was 8.1 percent in the Grandview study and 5 percent in the Gilbert study. Lunches and meals were 4 percent in the Grandview study and 7 percent in the Gilbert study. School lunches were 2.8 percent in the Grandview study and 22 percent in the

Gilbert study. Miscellaneous recreation was 2.7 percent in the Grandview study and 9 percent in the Gilbert study. Movies were 2.5 percent in the Grandview study and 9 percent in the Gilbert study. School and office supplies were 1.4 percent in the Grandview study and 7 percent in the Gilbert study. Dances were .8 percent in the Grandview study and 5 percent in the Gilbert study.

CHAPTER V

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

I. SUMMARY

This study was made to determine what is being purchased and in what quantities by the typical high school student, for himself and others, in Grandview Senior High School over a four-week period. An effort was made to compare the amounts spent by boys and girls; sophomores, juniors, and seniors; and in-town and out-of-town participants. Results of the purchases of this survey were compared with two similar-type surveys. These were A Survey of Student Purchases In A Small High School, 1949, master's thesis, University of Minnesota, by Dr. Eugene J. Kosy (15:1-78) and the 1964 Report of the Gilbert Youth Research Organization, How Do Teens Spend Their Money? (17:26).

The results of this study disclosed that clothing, with purchases by the students amounting to \$1,531.70 or 17.8 percent of the total, was the most popular item purchased. Automobile supplies ranked second with \$1,141.06 or 13.3 percent of the total, and financial was third with \$1,114.20 or 13 percent of the total purchase price tabulations.

Other items with high total purchases were personal, \$701.47 or 8.1 percent; groceries, \$499.77 or 5.8 percent;

services, \$400.53 or 4.7 percent; lunches and meals, \$345.92 or 4 percent; and school lunches, \$237.83 or 2.8 percent.

Items with still lower totals are miscellaneous recreation, \$232.74 or 2.7 percent; movies, \$215.19 or 2.5 percent; pop, \$164.30 or 1.9 percent; notions, \$129.09 or 1.5 percent; school and office supplies, \$120.13 or 1.4 percent; candy, \$101.16 or 1.2 percent; dances, \$70.70 or .8 percent; and ice cream, \$43.56 or .5 percent. Other items below a forty dollar total were sundaes and shakes, \$39.61 or .5 percent; peanuts and potatoe chips, \$30.72 or .4 percent; church and other donations, \$20.22 or .2 percent; gum, \$17.73 or .2 percent; popcorn, \$14.84 or .2 percent; basketball, \$8.40 or .1 percent; beverages, \$5.43 or .06 percent; beer, \$3.05 or .04 percent. Miscellaneous was unclassified with \$1,378.16 or 16 percent.

The purchases made by the 152 students in the survey totaled \$8,607.18 over the four-week period. The survey indicates that the typical Grandview High School student spent \$14.16 per week. The senior class ranked first in total purchases spending an average per pupil of \$22.99 per week. Juniors ranked second spending an average per pupil of \$11.24 per week. Sophomores ranked third spending an average per pupil of \$10.57 per week. Boys purchased more than girls. The in-town participants spent slightly more than those living out-of-town.

Comparisons with the Frederic study showed that clothing was the most popular item purchased in both surveys with 17.8 percent of the total amount spent by Grandview participants and 16.9 percent by the Frederic participants. Automobile supplies ranked second in Grandview with 13.3 percent and ranked only fourteenth in Frederic with 2.1 percent. Financial ranked third in Grandview with 13 percent and eighth in Frederic with 3.7 percent. Participants living in-town spent more than those living out-of-town in both the Grandview and Frederic surveys. Boys purchased more than girls in the Grandview survey, whereas girls purchased more than boys in the Frederic survey.

Comparisons with the Gilbert study showed that clothing ranked first in total purchases in the Grandview survey with 17.8 percent and second in the Gilbert survey with 13 percent. Automobile supplies ranked second in the Grandview survey with 13.3 percent and tenth in the Gilbert study with 2 percent. Financial ranked third in the Grandview survey with 13 percent and fourth in the Gilbert survey with 8 percent.

Table LXIII shows a summary of the total commodities and services purchased by the Grandview High School participants by class, sex, and residence.

TABLE LXIII

SUMMARY OF GRANDVIEW HIGH SCHOOL PARTICIPANTS' TOTAL PURCHASES BY CLASS, SEX, AND RESIDENCE

Item	Sophomore Girls In-Town	Sophomore Girls Out-of-Town	Sophomore Boys In-Town	Sophomore Boys Out-of-Town	Junior Girls In-Town	Junior Girls Out-of-Town	Junior Boys In-Town	Junior Boys Out-of-Town	Senior Girls In-Town	Senior Girls Out-of-Town	Senior Boys In-Town	Senior Boys Out-of-Town	Totals
Clothing	\$219.88	\$182.28	\$ 97.77	\$ 20.93	\$103.50	\$ 65.81	\$ 80.21	\$ 59.29	\$264.66	\$ 306.63	\$ 56.75	\$ 73.99	\$1,531.70
Auto Sup.	.50	2.00	67.50	36.57	18.85	39.45	56.23	274.79	21.28	96.22	120.06	407.61	1,141.06
Financial	53.24	.77	422.87	50.50	.65	32.34	156.86	25.03	35.11	195.00	81.00	60.83	1,114.20
Personal	42.78	53.37	36.35	2.07	78.02	84.50	9.56	10.18	184.46	142.04	7.59	50.55	701.47
Groceries	22.22	22.15	12.39	8.77	71.47	50.72	20.50	19.30	119.01	83.77	3.65	60.82	499.77
Services	2.70	17.58	15.00	43.63	121.18	.10	9.79	21.80	40.57	43.81	27.23	57.14	400.53
Lunches/meals	29.11	30.92	33.79	9.57	24.11	41.87	23.57	14.77	44.42	39.12	11.61	43.06	345.92
School lunch	37.48	33.58	4.22	8.81	14.23	18.63	.00	25.07	32.08	26.40	11.94	25.39	237.83
Mis. Rec.	7.06	14.61	7.89	.40	.00	19.85	12.00	4.70	9.29	9.96	141.18	5.80	232.74
Movies	6.65	21.39	16.95	5.50	18.70	30.30	13.20	15.60	17.20	25.70	20.75	23.25	215.19
Pop	19.62	17.14	17.67	5.30	15.16	20.08	8.88	10.16	13.57	17.17	4.66	14.89	164.30
Notions	34.80	9.02	.00	.00	8.30	16.55	.00	.00	16.16	43.81	.30	.15	129.09
School Sup.	16.73	12.88	6.85	2.66	13.98	17.10	2.40	2.82	5.26	13.70	1.39	24.36	120.13
Candy	17.98	12.59	9.11	4.84	9.33	11.82	5.27	4.67	12.46	4.82	6.06	2.21	101.16
Dances	5.55	4.25	6.50	.00	7.25	2.75	1.25	4.40	18.25	1.25	9.00	10.25	70.70
Ice Cream	3.14	5.34	7.50	2.30	4.30	2.85	2.30	1.34	2.49	3.15	1.00	7.85	43.56
Shakes/sodas	2.80	8.80	10.76	.35	1.35	2.75	4.80	1.20	.00	.35	1.40	5.05	39.61
Peanuts/chips	5.32	2.93	3.05	1.78	3.55	2.40	1.60	1.65	1.63	6.16	.40	.25	30.72
Church	1.30	1.43	6.75	.00	1.85	1.20	.25	1.15	3.54	2.65	.00	.00	20.22
Gum	2.21	3.90	3.58	.31	2.00	1.45	.21	.60	.36	1.70	.43	.98	17.73
Popcorn	.95	1.35	2.49	.60	2.90	1.90	.00	.00	.38	1.38	1.04	1.85	14.84
Basketball	1.00	.35	1.10	.00	.00	2.55	1.00	1.55	.35	.00	.00	.50	8.40
Beverages	.55	.35	.33	.00	1.00	.35	.80	.20	1.20	.50	.00	.15	5.43
Beer	.00	.00	.00	.00	.00	.00	2.05	.00	.00	.00	.00	1.00	3.05
Misc.	18.46	33.83	310.47	48.85	55.69	325.68	20.89	78.42	133.16	193.09	36.30	123.32	1,378.16
TOTALS	\$554.22	\$491.15	\$1,110.51	\$254.14	\$584.41	\$828.79	\$426.22	\$587.18	\$974.66	\$1,227.05	\$546.81	\$1,022.04	\$8,607.18

II. CONCLUSIONS

High school student purchases have a definite effect on the local and national economy. Youth represents a large part of the population. It would, therefore, seem reasonable that young people should be made aware of the large influence their buying habits have on the business activities of this country.

Business advertising, photographs, and television commercials are usually made with attractive young people smartly clothed and taking part in some activity currently popular with their age group. Business corporation executives are acutely aware that high school students can make or break the popularity of a new product. Not only do young people make many purchases on their own, but they also affect family purchases a great deal.

More teenagers than ever before now work part-time during school, and most of them hold full-time jobs during summer vacation. This is one reason why teenagers have more money to spend than the teenager of twenty years ago. The results of the Grandview study point this out in several areas. For example, in the Frederic study of 1949, only 2.1 percent of the total expenditures were for automobile accessories and supplies. In the Grandview study of 1966, expenditures for these supplies exceeded 13 percent of the total. Students

of today tend to have more money to spend and are doing so by providing their own transportation if not owning their own automobiles in many cases. Students are also involved in more financial affairs. In the Frederic study only 3.7 percent of the total expenditures was involved in financial affairs. The Grandview study revealed that 13 percent of the total expenditures was involved in financial transactions. With so much of today's spending done on credit, a student must understand what is involved. It is very painful and costly to learn these things through experience.

A decrease in student participation is noted in movies and dances. New entertainment media such as TV and a decline in the popularity of public dances would tend to support these results.

Clothing leads the list of purchases in both the Grandview and Frederic studies. Advertisers, designers, and manufacturers appear to be aware of this buying tendency in young people.

The school has a direct responsibility in educating students to appreciate the value of choice in buying and how to use it wisely. There are excellent books available which deal with factors that influence the buying tendencies of consumers. Many of these can be easily incorporated into a class in consumer economics. The business teacher as well as the school has an obligation to direct and channel the influences that teenagers have on the local and national economy.

III. RECOMMENDATIONS

It is recommended that Grandview High School include in its curriculum a general business or consumer economics class. This class should be made available and recommended to all students. Course content should emphasize selection and quality in such items as clothing, food, automobiles, services, recreation, and luxury items. At present, it is recommended that the Grandview High School home economics teacher continue to include a unit of consumer economics in her course of study until a separate course is made available.

It is recommended that Grandview High School students continue to keep a record of their purchases. This will help them in future budget planning and family spending.

It is recommended that manufacturers continue to poll teenagers to determine the popularity of their various products. This would save the manufacturers' production costs.

It is recommended that in the future a similar survey be conducted which would use a random sampling of volunteers. This would insure an equal number of participants to represent each class and therefore allow better comparisons of amounts spent for commodities and services.

Studies of this type do not answer all questions as to whether or not students spend money wisely. It is recommended that the survey results be used to help point out that the young consumer does need recognition and consideration as

playing an important part in the local and national economy. Certainly a total of \$8,607.18 spent by 152 students in four weeks represents a substantial sum in the transactions of the Grandview area, Washington state, and the nation as a whole.

BIBLIOGRAPHY

1. Anderson, Ruth I. "Application of Research Findings in Business Education," National Business Education Quarterly, 35:85-96, December, 1966.
2. Clare, Sister M. Paul. "Teenage Attitudes Toward Money Management," Journal of Home Economics, 55:125, February, 1963.
3. Dvorak, Earl A. (ed.). Informal Research By the Classroom Business Teacher. Somerville, New Jersey: Somerset Press, 1961.
4. Dvorak, Earl A. "Writing the Research Report in Business Education," National Business Education Quarterly, 35:71-74, December, 1966.
5. Elenko, I. William. "Students Can Make Themselves Intelligent Consumers," Business Education World, 41:31, September, 1960.
6. Erickson, Lawrence W., and Mary Ellen Oliverio. Evaluative Criteria for Survey Instruments in Business Education. Monograph 111. Burlingame: South-Western Publishing Company, 1964.
7. Fries, Albert C. "Planning A Research Study in Business Education," National Business Education Quarterly, 35:10-14, December, 1966.
8. Gratz, Jerre E. Major Issues in Business Education. Monograph 106. Burlingame: South-Western Publishing Company, April, 1962.
9. Hardwick, C. T. "Consumer Education in the Twentieth Century," Balance Sheet, 48:12-16, 42, September, 1966.
10. Harris, Chester W. (ed.). "Business Education," Encyclopedia of Educational Research (3rd ed.), New York: The Macmillan Company, 1960.
11. Harris, Chester W. (ed.). "Consumer Education," Encyclopedia of Educational Research (3rd ed.), New York: The Macmillan Company, 1960.
12. Harris, Chester W. (ed.). "Sampling Methods," Encyclopedia of Educational Research (3rd ed.), New York: The Macmillan Company, 1960.

BIBLIOGRAPHY

13. Harris, Chester W. (ed.). "Survey of Research Methods," Encyclopedia of Educational Research (3rd ed.), New York: The Macmillan Company, 1960.
14. Kelsey, R. Wilfred. "Teaching Family Finance in the Business Curriculum," Business Education Forum, 14:16-17, January, 1960.
15. Kosy, Eugene J. "A Survey of Student Purchases in a Small High School." Unpublished Master's thesis, University of Minnesota, Minneapolis, 1949.
16. Lumpkin, R. Pierce, "What Should Be Taught in General Business About the Role of the Consumer in Our Economy," Business Education Forum, 20:5-7, 25, March, 1966.
17. Mullin, Dickson S. "Do Your Students Realize How Important the Youth Market Is?" Business Education World, 46:24-26, 45, May, 1966.
18. Nanassy, Louis C. (ed.) Business Education Index, Delta Pi Epsilon, New York: McGraw-Hill Book Company, 1965.
19. Nanassy, Louis C. (ed.) Business Education Index, Delta Pi Epsilon, New York: McGraw-Hill Book Company, 1966.
20. National Business Education Quarterly. "Applications of 'New' Research Techniques to Business Education," NABTE Bulletin. Washington, D. C.: NBEA, 30:11, 13, Spring, 1962.
21. National Business Education Quarterly. Washington, D. C.: NEA Center, 32:41, 46, Spring, 1964.
22. National Business Education Quarterly. Washington, D. C.: NEA Center, 34:5, Fall, 1965.
23. Peterson, Esther. "Education for Consumers," NEA Journal, 55:15, January, 1966.
24. Peterson, Esther. "Pennywise Teenagers," American Education, 2:24-28, April, 1966.

BIBLIOGRAPHY

25. Porter, Gerald A. "Implications of Research in Basic Business," National Business Education Quarterly, 29:4, Spring, 1961.
26. Porter, Gerald A. "The Survey Study in Business Education," National Business Education Quarterly, 35:29-34, December, 1966.
27. Price, Ray. Economic Education in the Schools. New York: Joint Council on Economic Education, Vol. I, 1961.
28. Tonne, Herbert A. "The Nature and Purpose of Research in Business Education," National Business Education Quarterly, 35:2-9, December, 1966.
29. Tonne, Herbert A. "The Revival of Consumer Education," Journal of Business Education, 42:92-93, December, 1966.
30. Van Dalen, Deobold B. Understanding Education Research. New York: McGraw-Hill Book Company, Inc., 1962.

A P P E N D I X

APPENDIX A

EDUCATIONAL RESEARCH

ON

CONSUMER BUYING

Dates _____
Name _____
Class _____

STUDENT RECORD BOOKLET

SOPHOMORE GIRLS

NAME	1		2		3		4	
	OUT	IN	OUT	IN	OUT	IN	OUT	IN
1. [REDACTED], Jennifer	X	X	X	X	X	X	X	X
2. [REDACTED], Kathy*	X	X	X	X	X	X	X	X
3. [REDACTED], Donna	X	X	X	X	X	X	X	X
4. [REDACTED], Linda	X	X	X	X	X	X	X	X
5. [REDACTED], Brenda*	X	X	X	X	X	X	X	X
6. [REDACTED], Martha	X	X	X	X	X	X	X	X
7. [REDACTED], Judy*	X	X	X	X	X	X	X	X
8. [REDACTED], Pam*	X	X	X	X	X	X	X	X
9. [REDACTED], Sandee*	X	X	X	X	X	X	X	X
10. [REDACTED], Deanna	X	X	X	X	X	X	X	X
11. [REDACTED], Linda*	X	X	X	X	X	X	X	X
12. [REDACTED], Linda	X	X	X	X	X	X	X	X
13. [REDACTED], Pam	X	X	X	X	X	X	X	X
14. [REDACTED], Elaine*	X	X	X	X	X	X	X	X
15. [REDACTED], Nanci*	X	X	X	X	X	X	X	X
16. [REDACTED], Vickie	X	X	X	X	X	X	X	X
17. [REDACTED], Laura*	X	X	X	X	X	X	X	X
18. [REDACTED], Sandie	X	X	X	X	X	X	X	X
19. [REDACTED], Cheri	X	X	X	X	X	X	X	X
20. [REDACTED], Pat	X	X	X	X	X	X	X	X
21. [REDACTED], Glenda	X	X	X	X	X	X	X	X
22. [REDACTED], Lydia	X	X	X	X	X	X	X	X
23. [REDACTED], Sandra	X	X	X	X	X	X	X	X
24. [REDACTED], Reatha*	X	X	X	X	X	X	X	X

* Indicates residence within the city

— Indicates booklets not used in survey

SOPHOMORE GIRLS

[illegible]

* Indicates residence within the city

SOPHOMORE BOYS

NAME		OUT	IN	OUT	IN	OUT	IN	OUT	IN
1.	█████, Gerald*	X	X	X	X	X	X	X	X
2.	█████, Bill	X	X	X	X	X	X	X	X
3.	█████, Ken*	X	X	X	X	X	X	X	X
4.	█████, Dan	X	X	X	X	X	X	X	X
5.	█████, Sid*	X	X	X	X	X	X	X	X
6.	█████, Mike*	X	X	X	X	X	X	X	X
7.	█████, Dave*	X	X	X	X	X	X	X	X
8.	█████, Daniel	X	X	X	X	X	X	X	X
9.	█████, Larry*	X	X	X	X	X	X	X	X
10.	█████, Mike*	X	X	X	X	X	X	X	X
11.	█████, Bob*	X	X	X	X	X	X	X	X
12.	█████, Homer*	X	X	X	X	X	X	X	X
13.	█████, Jim	X	X	X	X	X	X	X	X
14.	█████, Larry	X	X	X	X	X	X	X	X
15.	█████, Julio	X	X	X	X	X	X	X	X
16.	█████, Allen*	X	X	X	X	X	X	X	X
17.	█████, Albert	X	X	X					
18.	█████, Ben*	X	X	X	X	X	X	X	X
19.	█████, Roy*	X	X	X	X	X	X	X	X

* Indicates residence within the city
 _ Indicates booklets not used in survey

JUNIOR GIRLS

	NAME	OUT	IN	OUT	IN	OUT	IN	OUT	IN
1.	██████, Iris*	X	X	X	X	X	X	X	X
2.	██████, Janet	X	X	X	X	X	X	X	X
3.	██████, Kathy*	X	X	X	X	X	X	X	X
4.	██████, Marcy	X	X	X	X	X	X	X	X
5.	██████, Cherie*	X	X	X	X	X	X	X	X
6.	██████, Kathy*	X	X	X	X	X	X	X	X
7.	██████, Peggy*	X	X	X	X	X	X	X	X
8.	██████, Linda*	X	X	X	X	X	X	X	X
9.	██████, Rita*	X	X	X	X	X	X	X	X
10.	██████, Barbara	X	X	X	X	X	X	X	X
11.	██████, Diane	X	X	X	X	X	X	X	X
12.	██████, Barbara	X	X	X	X	X	X	X	X
13.	██████, Vicki	X	X	X	X	X	X	X	X
14.	██████, Anne*	X	X	X	X	X	X	X	X
15.	██████, Karen*	X	X	X	X	X	X	X	X
16.	██████, Vickie	X	X	X	X	X	X	X	X
17.	██████, Sandi*	X	X	X	X	X	X	X	X
18.	██████, Ruby	X	X	X	X	X	X	X	X
19.	██████, Anne*	X	X	X	X	X	X	X	X
20.	██████, Becky	X	X	X	X	X	X	X	X
21.	██████, Sandra	X	X	X	X	X	X	X	X
22.	██████, Pat	X	X	X	X	X	X	X	X
23.	██████, Alice	X	X	X	X	X	X	X	X
24.	██████, Barbara	X	X	X	X	X	X	X	X

* Indicates residence within the city

JUNIOR GIRLS

[illegible]

* Indicates residence within the city

Indicates booklets not used in survey

JUNIOR BOYS

NAME		OUT	IN	OUT	IN	OUT	IN	OUT	IN
1.	██████, Jim*	X	X	X	X	X	X	X	X
2.	██████, Jim	X	X	X	X	X	X	X	X
3.	██████, Tom*	X	X	X	X	X	X	X	X
4.	██████, Bert	X	X	X	X	X	X	X	X
5.	██████, Ray	X	X	X	X	X	X	X	X
6.	██████, Steve*	X	X	X	X	X	X	X	X
7.	██████, Ron	X	X	X	X	X	X	X	X
8.	██████, Dennis*	X	X	X	X	X	X	X	X
9.	██████, Randy	X	X	X	X	X	X	X	X
10.	██████, Tracy*	X	X	X	X	X	X	X	X
11.	██████, Don	X	X	X	X	X	X	X	X
12.	██████, Greg*	X	X	X	X	X	X	X	X
13.	██████, Steve	X	X	X	X	X	X	X	X
14.	██████, Ken	X	X	X	X	X	X	X	X
15.	██████, Ronald	X	X	X	X	X	X	X	X
16.	██████, Charles*	X	X	X	X	X	X	X	X
17.	██████, Ken*	X	X	X	X	X	X	X	X
18.	██████, Warren	X	X	X	X	X	X	X	X
19.	██████, David	X	X	X	X	X	X	X	X
20.	██████, Earl	X	X	X	X	X	X	X	X

* Indicates residence within the city

SENIOR GIRLS

	NAME	OUT	IN	OUT	IN	OUT	IN	OUT	IN
1.	██████, Mary	X	X	X	X	X	X	X	X
2.	██████, Benita*	X	X	X	X	X	X	X	X
3.	██████, Judy	X	X	X	X	X	X	X	X
4.	██████, Linda*	X	X	X	X	X	X	X	X
5.	██████, Julie	X	X	X	X	X	X	X	X
6.	██████, Sharon*	X	X	X	X	X	X	X	X
7.	██████, Gail*	X	X	X	X	X	X	X	X
8.	██████, Sandra*	X	X	X	X	X	X	X	X
9.	██████, Barbara*	X	X	X	X	X	X	X	X
10.	██████, Joyce*	X	X	X	X	X	X	X	X
11.	██████, Karin*	X	X	X	X	X	X	X	X
12.	██████, Carol*	X	X	X	X	X	X	X	X
13.	██████, Joan	X	X	X	X	X	X	X	X"
14.	██████, Joanne	X	X	X	X	X	X	X	X
15.	██████, Kathy*	X	X	X	X	X	X	X	X
16.	██████, Jan	X	X	X	X	X	X	X	X
17.	██████, Peggy*	X	X	X	X	X	X	X	X
18.	██████, Betty	X	X	X	X	X	X	X	X
19.	██████, Peggy	X	X	X	X	X	X	X	X
20.	██████, Linda	X	X	X	X	X	X	X	X
21.	██████, Belinda*	X	X	X	X	X	X	X	X
22.	██████, Linda	X	X	X	X	X	X	X	X
23.	██████, Terri*	X	X	X	X	X	X	X	X
24.	██████, Karen	X	X	X	X	X	X	X	X

* Indicates residence within the city

SENIOR GIRLS

[illegible]

* Indicates residence within the city

SENIOR BOYS

[illegible]

* Indicates residence within the city

Indicates booklets not used in survey